

In the Claims

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1. (Previously Presented) A computer system comprising:
a host domain including a host computer; and
a storage domain coupled to the host domain through one or more communication links,
the storage domain comprising:
a plurality of primary storage devices for the host domain, at least one of the
primary storage devices to provide storage for the host computer;
a secondary storage device to provide backup storage for the host computer; and
a network, separate from each of the one or more communication links that couple the
storage domain to the host domain, that couples the plurality of primary storage devices to the
secondary storage device to permit one of the primary storage devices to access the secondary
storage device through the network without using any of the one or more communication links
that couple the storage domain to the host domain so that communication between the plurality
of primary storage devices and the secondary storage device can occur over the network
simultaneously with communication between the host domain and the storage domain through
the one or more communication links.
2. (Original) The computer system of claim 1, further comprising an additional primary
storage device, coupled directly to the secondary storage device.
3. (Original) The computer system of claim 1, wherein at least one of the primary
storage devices is a cached disk array.
4. (Original) The computer system of claim 1, wherein the secondary storage device
includes a plurality of ports coupled to the network, to send and receive data on the network in
parallel.

5. (Original) The computer system of claim 4, wherein the secondary storage device comprises a plurality of data movers, each coupled to one of the ports.

6. (Previously Presented) The computer system of claim 1, wherein the computer system includes a plurality of host computers, and wherein the plurality of host computers is heterogeneous.

7. (Original) The computer system of claim 1, further comprising:
means for transferring a first logical object from one of the primary storage devices directly to the secondary storage device over a first connection.

8. (Original) The computer system of claim 7, further comprising:
means for transferring a second logical object from one of the primary storage devices directly to the secondary storage device over a second connection.

9. (Original) The computer system of claim 1, further comprising means for forming an abstract block set from a logical object stored in one of the primary storage devices.

10. (Original) The computer system of claim 1, wherein the secondary storage device comprises a tape library unit.

11. (Previously Presented) A computer system comprising:
a heterogeneous plurality of host computers including at least a first host computer comprising a first platform and a second host computer comprising a second platform different from the first platform;
a plurality of primary storage devices to receive and store data, each primary storage device being associated with at least one of the host computers;
a secondary storage device coupled to at least some of the plurality of primary storage devices, the secondary storage device being configured to receive and store backup data from each of the first and second host computers; and

a single backup controller capable of backing up data stored from both the first and second host computers on the plurality of primary storage devices to the secondary storage device, wherein the data stored from the first host computer on the plurality of primary storage devices has a first format established by the first platform and the data stored from the second host computer on the plurality of primary storage devices has a second format established by the second platform.

12. (Original) The computer system of claim 11, wherein at least one of the primary storage devices is a cached disk array.

13. (Original) The computer system of claim 11, further comprising means for forming an abstract block set from a logical object stored in one of the primary storage devices.

14. (Previously Presented) The computer system of claim 11, wherein the secondary storage device includes a plurality of ports, to send and receive data in parallel.

15. (Original) The computer system of claim 14, wherein the secondary storage device comprises a plurality of data movers, each coupled to one of the ports.

16. (Original) The computer system of claim 11, further comprising:
means for transferring a first logical object from one of the primary storage devices directly to the secondary storage device over a first connection.

17. (Original) The computer system of claim 16, further comprising:
means for transferring a second logical object from one of the primary storage devices directly to the secondary storage device over a second connection.

18. (Original) The computer system of claim 11, wherein the secondary storage device comprises a tape library unit.

19-25. Canceled

26. (Previously Presented) The computer system of claim 1, wherein the network is coupled to the plurality of primary storage devices and to the secondary storage device to permit one of the primary storage devices to access the secondary storage device through the network without involving the host domain.

27. (Previously Presented) The computer system of claim 11, wherein the secondary storage device is configured to receive the back up data from at least one of the primary storage devices without involving one or more of the host computers.

28. Canceled